

Abstract

5 A magnetic latching solenoid including a solenoid
operating mechanism, and further comprising a magnetic
latching subassembly cooperating with, but positioned
independently of the solenoid operating mechanism. In a
preferred embodiment, the solenoid operating system may be
of a bi-directionally operated structure arranged for
alternative magnetically latching function. Independently
operated, magnetic latching subassemblies are spaced apart
10 from one another and from opposite ends of the bi-
directionally operated solenoid operating mechanism.